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11 1	Acronym, alternate		
Common name	name	Class	Structure of repeat unit
Polyetheretherketone	PEEK ·	Polyketone	-{
Polyethylene	PE	Polyolefin	+cH2-CH2+n ×
Poly(ethylene imine)	·	Polyamine	
Poly(ethylene oxide) [Poly(ethylene glycol)]	PEO (PEG)	Polyether	
Polyethylene- terephthalate	PET	Polyester	
Polyglycine		Polypeptide	-{NH-CH2-C-10
Poly(hexamethylene adipamide)	Nylon-66	Polyamide	O O 
Polyhydroxybutyrate	РНВ	Polyester	
Polyimide	PI J	Polyimide	
Poly(imino-1,3-phenylene iminoisophthaloyl) (Nomex)		Polyaramide	+ни _ мн·с _ c + c + п
Poly(imino-1,4-phenylene iminoterephthaloyl) (Keviar)		Polyaramide	-{HN-C-NH-C-C-C-
Polyisobutylene	Butyl rubber	Vinylidene polymer	$ \begin{array}{c}                                     $
Polyisocyanate	PIC	Polyamide	{n-c}
Polyisocyanide		Polyisocyanide	-[ c -] <sub>n</sub>